

QR540

75 Ohm Trunk Cable



1) Construction

Center Conductor:	3.15±0.01mm Copper Clad Aluminum
Dielectric:	13.03±0.05mm Foam PE
Outer Conductor:	13.72mm Aluminum Tube
Outer Conductor Thickness:	0.343mm
Jacket:	15.78±0.05mm PE
Jacket Wall Thickness:	0.89mm
Messenger	2.77Steel
Jelly/APD	Per Customer' Special Requirement

2) Characteristics

Impedance:	75±3 Ohm
Capacitance:	50±3nF/km, 15.3±1pF/ft
Velocity of Propagation:	87%

4) Attenuation

Frequency (MHz)	Attenuation	
	Maximum (dB/100 ft.)	Maximum (dB/100 m)
	[@68° F. (20° C.)]	
5	0.13	0.43
50	0.43	1.41
108	0.63	2.07
150	0.74	2.43
193	0.87	2.85
250	0.99	3.25
300	1.08	3.54
350	1.17	3.84
400	1.26	4.13
450	1.35	4.44
500	1.41	4.63
550	1.51	4.95
600	1.59	5.23
750	1.80	5.02
1000	2.10	6.91